

[Revised Page]

CLAIMS

- 5 1. A method for determining volumes in human bodies or
 animal bodies, wherein image data of an interesting
 volume are acquired by means of a suitable imaging
 method and the acquired image data are segmented in a
10 manual, semi-automated or fully automated fashion, and
 wherein dimensional information on the interesting
 volume is automatically determined from the segmented
 image data, characterized by the fact
- that at least one previously determined characteristic
15 value is assigned to the steps in which the image data
 is acquired and segmented, with said characteristic
 value representing a measure for the error occurring
 in these steps, by the fact
- 20 that an error which represents a measure for the error
 occurring in the determination of the dimensional
 information is determined from the assigned
 characteristic value, and by the fact
- 25 that the error value is displayed or output,
 respectively, preferably together with the assigned
 dimensional information.
- 30 2. The method according to Claim 1, characterized by the
 fact that at least one characteristic value is also
 assigned to the interesting volume and taken into
 consideration when determining the error value of the
 dimensional information.
- 35 3. The method according to Claim 1 or 2, wherein the
 segmenting process is carried out in a manual or semi-

automated fashion, characterized by the fact that at least one ...